

THE PROVINCE OF ALBERTA  
HYDRO AND ELECTRIC ENERGY ACT  
ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to Alberta Power  
Limited authorizing the  
construction and operation of a  
transmission line in the  
Wolf Lake-Sinclair Lake area

PERMIT AND LICENCE NO. AP 86-1

WHEREAS Alberta Power Limited, by Application No. 851218 registered on 4 November 1985, applied to the Energy Resources Conservation Board for a permit to construct and a licence to operate a transmission line designated as AP 7L02 in the Wolf Lake-Sinclair Lake area; and

WHEREAS the Board is prepared to grant the application subject to the conditions herein contained and the Minister of the Environment, and the Associate Minister of Public Lands and Wildlife, each has given his approval, hereto attached, insofar as the application affects matters of the environment.

THEREFORE, the Energy Resources Conservation Board, pursuant to the Hydro and Electric Energy Act, being chapter H-13 of the Revised Statutes of Alberta, 1980, hereby grants to Alberta Power Limited (hereinafter called "the Operator") a PERMIT to construct and a LICENCE to operate a transmission line, subject to the provisions of the Act and regulations and orders pursuant thereto, and to the following terms and conditions:

1. The route of the transmission line designated as AP 7L02 shall be as shown on the attachment hereto, marked Appendix A to this permit and licence, and as more particularly described in Application No. 851218 to the Board from the Operator, registered on 4 November 1985.

2. Notwithstanding clause 1 hereof, where the route of the transmission line is prescribed to traverse any parcel of land of common ownership, the Board, if it considers it appropriate and reasonable to do so, may by stipulation, vary

the prescribed location and route of the transmission line within the boundaries of such parcel of land.

3. Specifications of the transmission line shall be and include as follows:

- (a) the line shall be designed, built for and operated at a nominal voltage of 144 kV,
- (b) the structures shall be of wood, steel or concrete construction,

and as more particularly described in Application No. 851218 to the Board from the Operator, registered on 4 November 1985.

4. The Operator shall satisfy the Board within 30 days of the completion of the construction that such construction has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

5. The Operator shall, within 30 days of the time that the transmission line is first energized, notify the Board that the transmission line has been energized and is operating within the specified voltage range.

6. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Minister of the Environment, hereto attached as Appendix B, and to the terms and conditions therein contained.

7. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Associate Minister of Public Lands and Wildlife, hereto attached as Appendix C, and to the terms and conditions therein contained.

8. (1) Subject to subclause (2), the Operator shall satisfy the Board within 1 year of the date hereof that construction of the transmission line as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for completing the construction of the transmission line as it considers suitable under the circumstances.

9. The Board may

- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

MADE at the City of Calgary, in the Province of Alberta, this 4th day of March, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member

WOLF LAKE - STONY LAKE AREA

WOLF LAKE & STONY LAKE AREAS

WOLF LAKE

WOLF LAKE & STONY LAKE AREAS



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APPENDIX B TO PERMIT AND LICENCE NO. AP 86-1


Department of the Environment

MINISTERIAL APPROVAL

No. 86- 33      ERCB

Edmonton, Alberta  
February 11, 1986

Pursuant to section 13 of the Hydro and Electric Energy Act, I, W. Solodzuk, Deputy Minister of the Environment, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of transmission line AP 7L02, insofar as it affects matters of the environment.

  
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DEPUTY MINISTER OF THE ENVIRONMENT



APPENDIX C TO PERMIT AND LICENCE NO. AP 86-1

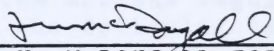
Department of Energy and Natural Resources

M I N I S T E R I A L   A P P R O V A L

No. 86-1 ERCB

Edmonton, Alberta  
February 14, 1986

Pursuant to section 13 of the Hydro and Electric Energy Act, I, D. Sparrow, Associate Minister of Public Lands and Wildlife, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of transmission line AP 7L02, insofar as it affects matters of the environment.

  
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F. W. McDUGALL FOR  
ASSOCIATE MINISTER OF  
PUBLIC LANDS AND WILDLIFE



1157

THE PROVINCE OF ALBERTA

MAR - 7 1986

HYDRO AND ELECTRIC ENERGY ACT

ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to Alberta Power  
Limited authorizing the  
construction and operation of a  
transmission line in the  
Sinclair Lake-Burnt Lake area

PERMIT AND LICENCE NO. AP 86-2

WHEREAS Alberta Power Limited, by Application No. 851218 registered on 4 November 1985, applied to the Energy Resources Conservation Board for a permit to construct and a licence to operate a transmission line designated as AP 5L400 in the Sinclair Lake-Burnt Lake area; and

WHEREAS the Board is prepared to grant the application subject to the conditions herein contained and the Minister of the Environment, and the Associate Minister of Public Lands and Wildlife, each has given his approval, hereto attached, insofar as the application affects matters of the environment.

THEREFORE, the Energy Resources Conservation Board, pursuant to the Hydro and Electric Energy Act, being chapter H-13 of the Revised Statutes of Alberta, 1980, hereby grants to Alberta Power Limited (hereinafter called "the Operator") a PERMIT to construct and a LICENCE to operate a transmission line, subject to the provisions of the Act and regulations and orders pursuant thereto, and to the following terms and conditions:

1. The route of the transmission line designated as AP 5L400 shall be as shown on the attachment hereto, marked Appendix A to this permit and licence, and as more particularly described in Application No. 851218 to the Board from the Operator, registered on 4 November 1985.

2. Notwithstanding clause 1 hereof, where the route of the transmission line is prescribed to traverse any parcel of land of common ownership, the Board, if it considers it appropriate and reasonable to do so, may by stipulation, vary

the prescribed location and route of the transmission line within the boundaries of such parcel of land.

3. Specifications of the transmission line shall be and include as follows:

- (a) the line shall be designed and built for a nominal voltage of 144 kV,
- (b) the line shall be operated at a nominal voltage of 25 kV,
- (b) the structures shall be of wood, steel or concrete construction,

and as more particularly described in Application No. 851218 to the Board from the Operator, registered on 4 November 1985.

4. The Operator shall satisfy the Board within 30 days of the completion of the construction that such construction has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

5. The Operator shall, within 30 days of the time that the transmission line is first energized, notify the Board that the transmission line has been energized and is operating within the specified voltage range.

6. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Minister of the Environment, hereto attached as Appendix B, and to the terms and conditions therein contained.

7. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Associate Minister of Public Lands and Wildlife, hereto attached as Appendix C, and to the terms and conditions therein contained.

8. (1) Subject to subclause (2), the Operator shall satisfy the Board within 1 year of the date hereof that construction of the transmission line as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for completing the construction of the transmission line as it considers suitable under the circumstances.

9. The Board may

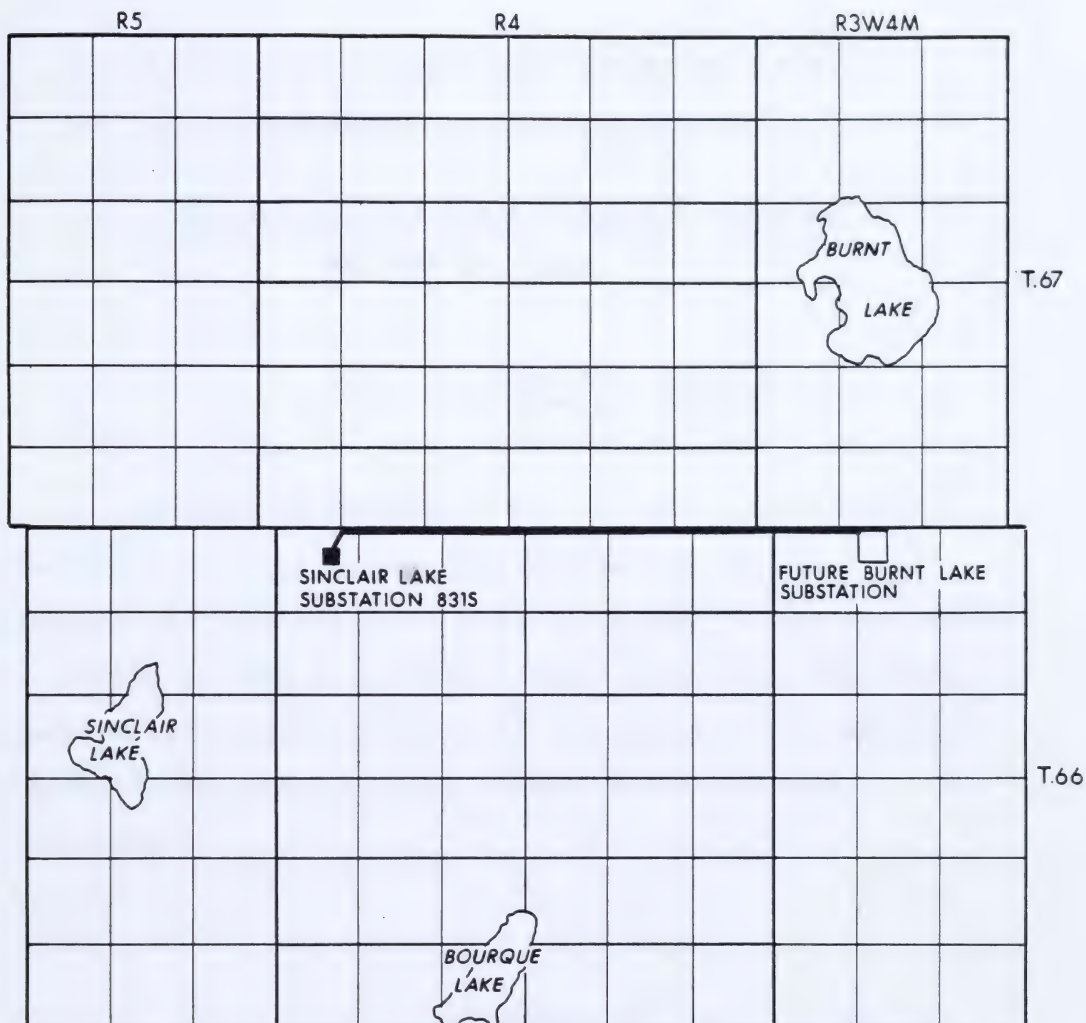
- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

MADE at the City of Calgary, in the Province of Alberta, this 4th day of March, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member





## SINCLAIR LAKE - BURNT LAKE AREA

ERCB

APPENDIX A TO PERMIT AND LICENCE NO. AP86-2

### LEGEND

           TRANSMISSION LINE 5L400



APPENDIX B TO PERMIT AND LICENCE NO. AP 86-2

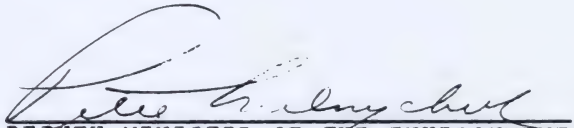
Department of the Environment

M I N I S T E R I A L   A P P R O V A L

No. 86- 34    ERCB

Edmonton, Alberta  
February 11, 1986

Pursuant to section 13 of the Hydro and Electric Energy Act, I, W. Solodzuk, Deputy Minister of the Environment, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of transmission line AP 5L400, insofar as it affects matters of the environment.

  
DEPUTY MINISTER OF THE ENVIRONMENT

ACTING DEPUTY MINISTER



APPENDIX C TO PERMIT AND LICENCE NO. AP 86-2

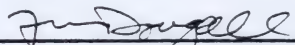
Department of Energy and Natural Resources

M I N I S T E R I A L   A P P R O V A L

No. 86-2 ERCB

Edmonton, Alberta  
February 14, 1986

Pursuant to section 13 of the Hydro and Electric Energy Act, I, D. Sparrow, Associate Minister of Public Lands and Wildlife, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of transmission line AP 5L400, insofar as it affects matters of the environment.

  
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F. W. McDOUGALL FOR  
ASSOCIATE MINISTER OF  
PUBLIC LANDS AND WILDLIFE



100-111  
MAR - 7 1986

THE PROVINCE OF ALBERTA  
HYDRO AND ELECTRIC ENERGY ACT  
ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to Alberta Power  
Limited authorizing the  
alteration and operation of a  
substation in the Wolf Lake  
area

PERMIT AND LICENCE NO. AP 86-3

WHEREAS Alberta Power Limited, pursuant to Permit and Licence No. AP 84-5, is the operator of a substation in the Wolf Lake area designated as AP 816S; and

WHEREAS Alberta Power Limited, by Application No. 851218 registered on 4 November 1985, applied to the Energy Resources Conservation Board for a permit to alter the said substation by adding a 144-kV circuit breaker and redesignating it as AP 822S; and

WHEREAS the Board considers it desirable that Permit and Licence No. AP 84-5 be revised and consolidated and that a new permit and licence be issued; and

WHEREAS the Board is prepared to grant the application subject to the conditions herein contained and the Minister of the Environment, and the Associate Minister of Public Lands and Wildlife, each has given his approval, hereto attached, insofar as the application affects matters of the environment.

THEREFORE, the Energy Resources Conservation Board, pursuant to the Hydro and Electric Energy Act, being chapter H-13 of the Revised Statutes of Alberta, 1980, hereby grants to Alberta Power Limited (hereinafter called "the Operator") a PERMIT to alter and a LICENCE to operate a substation, subject to the provisions of the Act and regulations and orders pursuant thereto, and to the following terms and conditions:

1. The substation shall be wholly located in the North-east quarter of Section 6, Township 66, Range 5, West of the 4th Meridian.

2. Specifications of the substation shall be and include as follows:

- (a) one 144/25-kV transformer,
- (b) one 144-kV circuit switcher,
- (c) one 144-kV circuit breaker,
- (d) associated substation equipment,
- (e) an enclosure surrounded by a chain link fence,

and as more particularly described in Applications No. 831068 to the Board from the Operator, registered on 15 November 1983 and 851218 on 4 November 1985.

3. The Operator shall satisfy the Board within 30 days of the completion of the alteration that such alteration has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

4. The Operator shall, within 30 days of the time that the altered substation is first energized, notify the Board that the altered substation has been energized and is operating within the specified voltage range.

5. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Minister of the Environment, hereto attached as Appendix A, and to the terms and conditions therein contained.

6. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Associate Minister of Public Lands and Wildlife, hereto attached as Appendix B, and to the terms and conditions therein contained.

7. (1) Subject to subclause (2), the Operator shall satisfy the Board within 1 year of the date hereof that alteration of the substation as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for

completing the alteration of the substation as it considers suitable under the circumstances.

8. The Board may

- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

9. Permit and Licence No. AP 84-5 is rescinded.

MADE at the City of Calgary, in the Province of Alberta, this 4th day of March, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member



APPENDIX A TO PERMIT AND LICENCE NO. AP 86-3

Department of the Environment

M I N I S T E R I A L   A P P R O V A L

No. 86- 35      ERCB

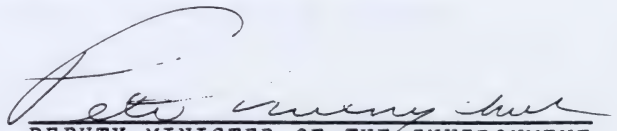
Edmonton, Alberta  
February 11, 1986

WHEREAS I, W. Solodzuk, Deputy Minister of the Environment, gave my approval, pursuant to section 13 of the Hydro and Electric Energy Act, by Ministerial Approval No. 84-39 ERCB of an application by Alberta Power Limited to the Energy Resources Conservation Board, in the matter of Wolf Lake substation AP 816S, insofar as the application affects matters of the environment; and

WHEREAS the Energy Resources Conservation Board has advised that it is prepared to grant an application from Alberta Power Limited for alteration of AP 816S.

THEREFORE, pursuant to section 13 of the Hydro and Electric Energy Act, I, W. Solodzuk, Deputy Minister of the Environment, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of Wolf Lake substation AP 822S, insofar as it affects matters of the environment.

Ministerial Approval No. 84-39 ERCB is hereby superseded.

  
DEPUTY MINISTER OF THE ENVIRONMENT  
ACTING DEPUTY MINISTER



APPENDIX B TO PERMIT AND LICENCE NO. AP 86-3

Department of Energy and Natural Resources

M I N I S T E R I A L   A P P R O V A L

No. 86-3 ERCB

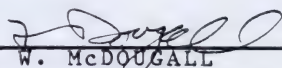
Edmonton, Alberta  
February 14, 1986

WHEREAS F. W. McDougall, Deputy Minister of Renewable Resources, representing the Minister of Energy and Natural Resources, gave his approval, pursuant to section 13 of the Hydro and Electric Energy Act, by Ministerial Approval No. 84-5 ERCB of an application by Alberta Power Limited to the Energy Resources Conservation Board, in the matter of Wolf Lake substation AP 816S, insofar as the application affects matters of the environment; and

WHEREAS the Energy Resources Conservation Board has advised that it is prepared to grant an application from Alberta Power Limited for alteration of AP 816S.

THEREFORE, pursuant to section 13 of the Hydro and Electric Energy Act, I, D. Sparrow, Associate Minister of Public Lands and Wildlife, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of Wolf Lake substation AP 822S, insofar as it affects matters of the environment.

Ministerial Approval No. 84-5 ERCB is hereby superseded.

  
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F. W. McDOUGALL  
FOR ASSOCIATE MINISTER OF  
PUBLIC LANDS AND WILDLIFE



THE PROVINCE OF ALBERTA

RECEIVED  
MAR - 7 1986

HYDRO AND ELECTRIC ENERGY ACT

ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to Alberta Power  
Limited authorizing the  
construction and operation of a  
substation in the Sinclair Lake  
area

PERMIT AND LICENCE NO. AP 86-4

WHEREAS Alberta Power Limited, by Application No. 851218 registered on 4 November 1985, applied to the Energy Resources Conservation Board for a permit to construct and a licence to operate a substation designated as Sinclair Lake AP 831S in the Sinclair Lake area; and

WHEREAS the Board is prepared to grant the application subject to the conditions herein contained and the Minister of the Environment, and the Associate Minister of Public Lands and Wildlife, each has given his approval, hereto attached, insofar as the application affects matters of the environment.

THEREFORE, the Energy Resources Conservation Board, pursuant to the Hydro and Electric Energy Act, being chapter H-13 of the Revised Statutes of Alberta, 1980, hereby grants to Alberta Power Limited (hereinafter called "the Operator") a PERMIT to construct and a LICENCE to operate a substation, subject to the provisions of the Act and regulations and orders pursuant thereto, and to the following terms and conditions:

1. The substation shall be wholly located in the North-east quarter of Section 31, Township 66, Range 4, West of the 4th Meridian.

2. Specifications of the substation shall be and include as follows:

- (a) one 144/25-kV transformer,
- (b) one 144-kV circuit switcher,
- (c) associated substation equipment,
- (d) an enclosure surrounded by a chain link fence,

and as more particularly described in Application No. 851218 to the Board from the Operator, registered on 4 November 1985.

3. The Operator shall satisfy the Board within 30 days of the completion of the construction that such construction has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

4. The Operator shall, within 30 days of the time that the substation is first energized, notify the Board that the substation has been energized and is operating within the specified voltage range.

5. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Minister of the Environment, hereto attached as Appendix A, and to the terms and conditions therein contained.

6. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Associate Minister of Public Lands and Wildlife, hereto attached as Appendix B, and to the terms and conditions therein contained.

7. (1) Subject to subclause (2), the Operator shall satisfy the Board within 1 year of the date hereof that construction of the substation as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for completing the construction of the substation as it considers suitable under the circumstances.

8. The Board may

- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

MADE at the City of Calgary, in the Province of Alberta, this 4th day of March, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member

APPENDIX A TO PERMIT AND LICENCE NO. AP 86-4

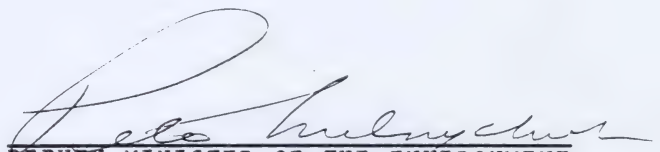
Department of the Environment

M I N I S T E R I A L   A P P R O V A L

No. 86-36      ERCB

Edmonton, Alberta  
February 11, 1986

Pursuant to section 13 of the Hydro and Electric Energy Act, I, W. Solodzuk, Deputy Minister of the Environment, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of Sinclair Lake substation AP 831S, insofar as it affects matters of the environment.

  
DEPUTY MINISTER OF THE ENVIRONMENT

ACTING DEPUTY MINISTER



APPENDIX B TO PERMIT AND LICENCE NO. AP 86-4

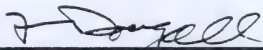
Department of Energy and Natural Resources

M I N I S T E R I A L    A P P R O V A L

No. 86-4 ERCB

Edmonton, Alberta  
February 14, 1986

Pursuant to section 13 of the Hydro and Electric Energy Act, I, D. Sparrow, Associate Minister of Public Lands and Wildlife, hereby approve Application No. 851218 registered on 4 November 1985 from Alberta Power Limited to the Energy Resources Conservation Board, in the matter of Sinclair Lake substation AP 831S, insofar as it affects matters of the environment.

  
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F. W. McDUGALL FOR  
ASSOCIATE MINISTER OF  
PUBLIC LANDS AND WILDLIFE



CANADIANA  
EX  
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THE PROVINCE OF ALBERTA  
HYDRO AND ELECTRIC ENERGY ACT  
ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to TransAlta Utilities  
Corporation authorizing the  
alteration and operation of a  
transmission line in the High  
River-Black Diamond area

PERMIT AND LICENCE NO. CP 86-5

WHEREAS TransAlta Utilities Corporation, at the time  
of commencement of the Hydro and Electric Energy Act, was  
operating a transmission line designated as CP 13L; and

WHEREAS TransAlta Utilities Corporation, pursuant to  
section 40 of the Hydro and Electric Energy Act, is deemed to  
be the holder of a subsisting permit and licence for the said  
transmission line; and

WHEREAS TransAlta Utilities Corporation, by  
Application No. 860040 registered on 10 January 1986, applied  
to the Energy Resources Conservation Board for a permit to  
alter and redesignate the said transmission line as  
CP 13/158L; and

WHEREAS the Board considers it proper and desirable  
that a permit and licence be issued in substitution for that  
deemed to be held by TransAlta Utilities Corporation; and

WHEREAS the Board is prepared to grant the  
application subject to the conditions herein contained.

THEREFORE, the Energy Resources Conservation Board,  
pursuant to the Hydro and Electric Energy Act, being chapter  
H-13 of the Revised Statutes of Alberta, 1980, hereby grants  
to TransAlta Utilities Corporation (hereinafter called "the  
Operator") a PERMIT to alter and a LICENCE to operate the  
transmission line, in substitution for that deemed to be  
held, subject to the provisions of the Act and regulations  
and orders made pursuant thereto, and to the following terms  
and conditions:

1. The route of the transmission line designated as CP 13/158L shall be as shown on the attachment hereto, marked Appendix A to this permit and licence, and as more particularly described in an application to the Board from the Operator, registered on 10 January 1986.

2. Notwithstanding clause 1 hereof, where the route of the transmission line is prescribed to traverse any parcel of land of common ownership, the Board, if it considers it appropriate and reasonable to do so, may, by stipulation, vary the prescribed location and route of the transmission line within the boundaries of such parcel of land.

3. Specifications of the transmission line shall be and include as follows:

- (a) structures shall be of wood-pole, concrete or steel construction,
- (b) the line shall be designed, built for and operated at a nominal voltage of 69 kV,

and as more particularly described in an application to the Board from the Operator, registered on 10 January 1986.

4. The Operator shall satisfy the Board within 30 days of the completion of the alteration of the transmission line that such alteration has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

5. The Operator shall, within 30 days of the time that the altered transmission line is first energized, notify the Board that the transmission line has been energized and is operating within the specified voltage range.

6. (1) Subject to subclause (2), the Operator shall satisfy the Board within one year of the date hereof that alteration of the transmission line as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for completing the alteration of the transmission line as it considers suitable under the circumstances.

7. The Board may

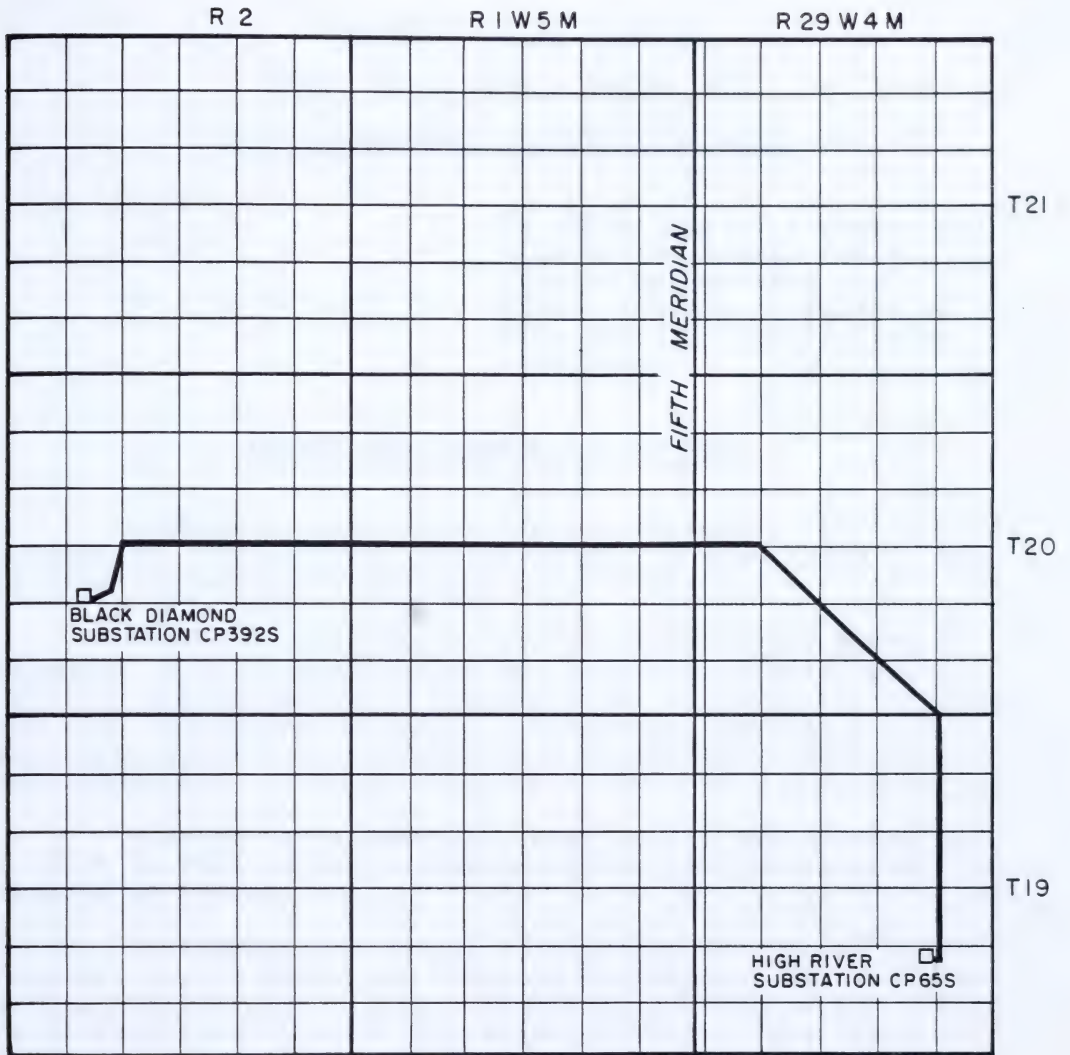
- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

MADE at the City of Calgary, in the Province of Alberta, this 28th day of January, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member





## BLACK DIAMOND - HIGH RIVER AREA

APPENDIX A TO PERMIT AND LICENCE NO. CP 86-5



— 69 kV TRANSMISSION LINE CP 13/158L



CANADA  
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FEB 18 1986

THE PROVINCE OF ALBERTA  
HYDRO AND ELECTRIC ENERGY ACT  
ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to Alberta Power  
Limited authorizing the  
alteration and operation of a  
substation in the Clairmont  
Lake area

PERMIT AND LICENCE NO. AP 86-6

WHEREAS Alberta Power Limited, pursuant to Permit and Licence No. AP 85-6, is the operator of a substation in the Clairmont Lake area designated as AP 811S; and

WHEREAS the Energy Resources Conservation Board is prepared to grant Application No. 860127 by Alberta Power Limited, registered on 27 January 1986, for a permit to alter the said substation by adding a capacitor bank and a circuit switcher, subject to the terms and conditions herein contained; and

WHEREAS it is desirable that Permit and Licence No. AP 85-6 be revised and consolidated and that a new permit and licence be issued.

THEREFORE, the Energy Resources Conservation Board, pursuant to the Hydro and Electric Energy Act, being chapter H-13 of the Revised Statutes of Alberta, 1980, hereby grants to Alberta Power Limited (hereinafter called "the Operator") a PERMIT to alter and a LICENCE to operate a substation, subject to the provisions of the Act and regulations and orders pursuant thereto, and to the following terms and conditions:

1. The substation shall be wholly located in the South-east quarter of Section 27, Township 72, Range 5, West of the 6th Meridian.
2. Specifications of the substation shall be and include as follows:
  - (a) four 144-kV circuit breakers,
  - (b) one 144-kV circuit switcher,

- (c) one 144-kV, 25-MVAR capacitor bank,
- (d) associated substation equipment,
- (e) an enclosure surrounded by a chain link fence,

and as more particularly described in applications to the Board from the Operator, registered on 9 March 1982, 4 March 1985 and 27 January 1986.

3. The Operator shall satisfy the Board within 30 days of the completion of the alteration that such alteration has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

4. The Operator shall, within 30 days of the time that the altered substation is first energized, notify the Board that the altered substation has been energized and is operating within the specified voltage range.

5. (1) Subject to subclause (2), the Operator shall satisfy the Board within 1 year of the date hereof that alteration of the substation as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for completing the alteration of the substation as it considers suitable under the circumstances.

6. The Board may

- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

7. Permit and Licence No. AP 85-6 is rescinded.

MADE at the City of Calgary, in the Province of Alberta, this 11th day of February, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member

C-4  
MAR - 4

THE PROVINCE OF ALBERTA  
HYDRO AND ELECTRIC ENERGY ACT  
ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to The City of Calgary  
authorizing the construction,  
alteration and operation of a  
transmission line in the  
Calgary area

PERMIT AND LICENCE NO. CC 86-7

WHEREAS The City of Calgary is operating a  
transmission line designated as CC 32.60L; and

WHEREAS The City of Calgary, pursuant to section 40  
of the Hydro and Electric Energy Act, is deemed to be the  
holder of a subsisting permit and licence for the said  
transmission line; and

WHEREAS The City of Calgary has acquired that portion  
of CP 13L that lies within The City of Calgary electric  
service area; and

WHEREAS The City of Calgary, by Application  
No. 860179 registered on 4 February 1986, applied to the  
Energy Resources Conservation Board for a permit and a  
licence to

- (a) connect CC 32.60L electrically with CP 13L at a  
point on Anderson Road and 6 Street South East  
midway between City of Calgary substations  
No. CC 32 and CC 33,
- (b) construct 0.8 km of new 69-kV transmission line  
from a point at the northern terminus of  
existing CP 13L to City of Calgary substation  
No. CC 9,
- (c) connect the new line electrically with CP 13L  
and City of Calgary substation No. CC 9,

- (d) redesignate CC 32.60L, CP 13L and the new line that connects City of Calgary substations No. CC 9, CC 32 and CC 33 as CC 9.63L, and
- (e) operate CC 9.63L; and

WHEREAS the Board is prepared to grant the application subject to the conditions herein contained and the Minister of the Environment has given his approval, hereto attached, insofar as the application affects matters of the environment.

THEREFORE, the Energy Resources Conservation Board, pursuant to the Hydro and Electric Energy Act, being chapter H-13 of the Revised Statutes of Alberta, 1980, hereby grants to The City of Calgary (hereinafter called "the Operator") a PERMIT to construct and alter and a LICENCE to operate the transmission line, subject to the provisions of the Act and regulations and orders made pursuant thereto, and to the following terms and conditions:

1. The route of the transmission line designated as CC 9.63L shall be as shown on the attachment hereto, marked Appendix A to this permit and licence, and as more particularly described in Application No. 860179 from the Operator, registered on 4 February 1986.

2. Notwithstanding clause 1 hereof, where the route of the transmission line is prescribed to traverse any parcel of land of common ownership, the Board, if it considers it appropriate and reasonable to do so, may by stipulation, vary the prescribed location and route of the transmission line within the boundaries of such parcel of land.

3. Specifications of the transmission line shall be and include as follows:

- (a) structures shall be of wood-pole, steel or concrete construction,
- (b) the line shall be designed, built for and operated at a nominal voltage level of 69 kV,

and as more particularly described in Application No. 860179.

4. The Operator shall satisfy the Board within 30 days of the completion of the construction and alteration of the transmission line that such construction and alteration has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

5. The Operator shall, within 30 days of the time that the transmission line is first energized, notify the Board that the transmission line has been energized and is operating within the specified voltage range.

6. Insofar as it pertains to matters of the environment, this permit and licence is subject to the approval of the Minister of the Environment, hereto attached as Appendix B, and to the terms and conditions therein contained.

7. (1) Subject to subclause (2), the Operator shall satisfy the Board within one year of the date hereof that construction and alteration of the transmission line as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for completing the construction and alteration of the transmission line as it considers suitable under the circumstances.

8. The Board may

- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

MADE at the City of Calgary, in the Province of Alberta, this 26th day of February, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member



APPENDIX B TO PERMIT AND LICENCE NO. CC 86-7

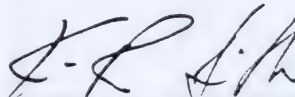

Department of the Environment

M I N I S T E R I A L    A P P R O V A L

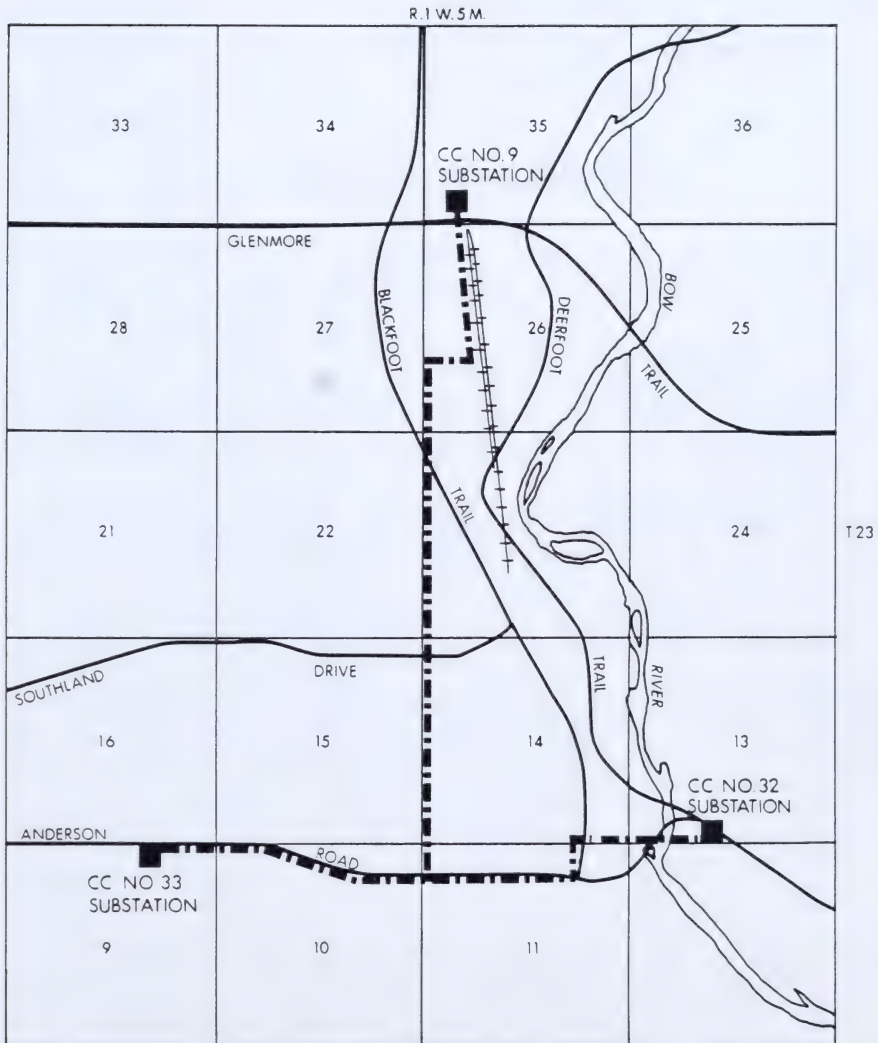
No. 86- 40    ERCB

Edmonton, Alberta  
February 20, 1986

Pursuant to section 13 of the Hydro and Electric Energy Act, I, W. Solodzuk, Deputy Minister of the Environment, hereby approve Application No. 860179 registered on 4 February 1986 from The City of Calgary to the Energy Resources Conservation Board, in the matter of 69-kV transmission line CC 9.63L, insofar as it affects matters of the environment.

  
  
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DEPUTY MINISTER OF THE ENVIRONMENT  
ACTING DEPUTY MINISTER





THE CITY OF CALGARY



APPENDIX A TO PERMIT AND LICENCE NO. CC 86-7

--- ROUTE OF 69 kV TRANSMISSION LINE CC 9.63L



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THE PROVINCE OF ALBERTA

HYDRO AND ELECTRIC ENERGY ACT

ENERGY RESOURCES CONSERVATION BOARD

IN THE MATTER of a permit and  
licence to The City of Calgary  
authorizing the alteration and  
operation of a substation in  
the Calgary area

PERMIT AND LICENCE NO. CC 86-8

WHEREAS The City of Calgary, pursuant to Permit and  
Licence No. CC 82-7, is the operator of a substation in the  
Calgary area designated as CC No. 9; and

WHEREAS The City of Calgary, by Application  
No. 860179 registered on 4 February 1986, applied to the  
Energy Resources Conservation Board for a permit to alter the  
said substation; and

WHEREAS the Board considers it desirable that Permit  
and Licence No. CC 82-7 be revised and consolidated and that  
a new permit and licence be issued; and

WHEREAS the Board is prepared to grant the  
application subject to the conditions herein contained.

THEREFORE, the Energy Resources Conservation Board,  
pursuant to the Hydro and Electric Energy Act, being chapter  
H-13 of the Revised Statutes of Alberta, 1980, hereby grants  
to The City of Calgary (hereinafter called "the Operator") a  
PERMIT to alter and a LICENCE to operate the substation,  
subject to the provisions of the Act and regulations and  
orders pursuant thereto, and to the following terms and  
conditions:

1. The substation shall be wholly located in the  
South-west quarter of Section 35, Township 23, Range 1, West  
of the 5th Meridian, according to block plan 35S-3.

2. Specifications of the substation shall be and include  
as follows:

- (a) three 138/13.2-kV transformers,
- (b) three 138-kV circuit breakers,
- (c) three 69-kV circuit breakers,

- (d) associated station service equipment,
- (e) an enclosure surrounded by a chain link fence,

and as more particularly described in applications to the Board from the Operator, registered on 27 January 1976, 24 December 1981 and 4 February 1986.

3. The Operator shall satisfy the Board within 30 days of the completion of the alteration to the substation that such alteration has been in accordance with the provisions of this permit and licence and the Electrical Protection Act and regulations and orders pursuant to that Act.

4. The Operator shall, within 30 days of the time that the altered substation is first energized, notify the Board that the substation has been energized and is operating within the specified voltage range.

5. (1) Subject to subclause (2), the Operator shall satisfy the Board within one year of the date hereof that alteration of the substation as permitted herein has been completed.

(2) On its own motion, or upon the application of an interested party, the Board may stipulate such later date for completing the alteration of the substation as it considers suitable under the circumstances.

6. The Board may

- (a) cancel or suspend this permit and licence, in whole or in part, for failure of the Operator to comply with any provision of the Act, the regulations or the terms and conditions set out herein, or
- (b) amend this permit and licence as it deems suitable in the circumstances.

7. Permit and Licence No. CC 82-7 is rescinded.

MADE at the City of Calgary, in the Province of Alberta, this 26th day of February, 1986.

ENERGY RESOURCES CONSERVATION BOARD

C. J. Goodman  
Board Member



